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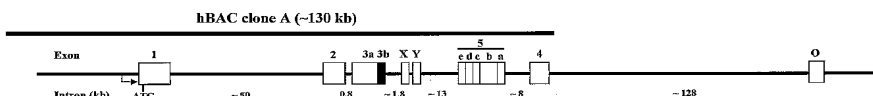
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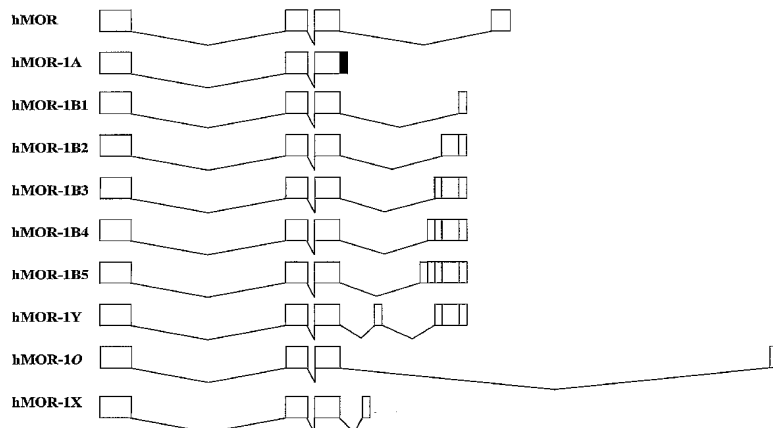
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(54) Title: IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE VARIANTS OF THE MU OPIOID RECEPTOR GENE

Genomic Structure of the human mu opioid receptor gene



Alternatively Spliced Variants



(57) Abstract: The present invention encompasses novel splice variant forms of the mu-opioid receptor-1 (MOR-1) and the polynucleotide sequences encoding the MOR-1 splice variants. The invention further encompasses methods of screening for compositions regulating the MOR-1 splice variant activities and the development of therapeutic modalities directed to regulating activity. Regulation of the MOR-1 splice variant activities may impact the physiologic process of analgesia.



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